

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2016 annual averages
[Numbers in thousands]

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Participation rate	Employed		Unemployed		
				Total	Percent of population	Total	Rate	
Age								
Total, 16 years and over.....	253,538	159,187	62.8	151,436	59.7	7,751	4.9	94,351
With a certification or license ¹	44,499	38,801	87.2	37,829	85.0	972	2.5	5,698
With a certification, but no license.....	4,778	4,159	87.0	4,019	84.1	140	3.4	619
With a license ²	39,721	34,642	87.2	33,810	85.1	832	2.4	5,079
Without a certification or license.....	209,038	120,386	57.6	113,607	54.3	6,779	5.6	88,652
16 to 24 years.....	38,435	21,202	55.2	18,992	49.4	2,211	10.4	17,232
With a certification or license ¹	2,392	2,060	86.1	1,951	81.5	109	5.3	332
With a certification, but no license.....	315	260	82.7	242	76.8	18	7.1	55
With a license ²	2,077	1,800	86.6	1,709	82.3	91	5.1	277
Without a certification or license.....	36,042	19,142	53.1	17,041	47.3	2,101	11.0	16,900
25 to 54 years.....	125,761	102,248	81.3	98,004	77.9	4,244	4.2	23,513
With a certification or license ¹	28,772	26,903	93.5	26,282	91.3	621	2.3	1,869
With a certification, but no license.....	3,185	2,962	93.0	2,875	90.3	87	2.9	223
With a license ²	25,587	23,941	93.6	23,407	91.5	534	2.2	1,646
Without a certification or license.....	96,989	75,345	77.7	71,722	73.9	3,622	4.8	21,644
55 years and over.....	89,342	35,737	40.0	34,440	38.5	1,296	3.6	53,606
With a certification or license ¹	13,335	9,838	73.8	9,596	72.0	242	2.5	3,497
With a certification, but no license.....	1,278	937	73.3	902	70.6	35	3.7	341
With a license ²	12,057	8,901	73.8	8,694	72.1	207	2.3	3,156
Without a certification or license.....	76,007	25,899	34.1	24,844	32.7	1,055	4.1	50,108
Sex								
Men, 16 years and over.....	122,497	84,755	69.2	80,568	65.8	4,187	4.9	37,743
With a certification or license ¹	20,629	18,558	90.0	18,091	87.7	467	2.5	2,070
With a certification, but no license.....	2,662	2,394	89.9	2,312	86.9	82	3.4	268
With a license ²	17,967	16,164	90.0	15,779	87.8	385	2.4	1,802
Without a certification or license.....	101,869	66,197	65.0	62,477	61.3	3,720	5.6	35,672
Women, 16 years and over.....	131,040	74,432	56.8	70,868	54.1	3,564	4.8	56,608
With a certification or license ¹	23,871	20,243	84.8	19,737	82.7	506	2.5	3,628
With a certification, but no license.....	2,116	1,765	83.4	1,707	80.7	58	3.3	351
With a license ²	21,754	18,478	84.9	18,031	82.9	447	2.4	3,277
Without a certification or license.....	107,170	54,189	50.6	51,131	47.7	3,059	5.6	52,980

See footnotes at end of table.

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50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2016 annual averages — Continued
[Numbers in thousands]

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Participation rate	Employed		Unemployed		
				Total	Percent of population	Total	Rate	
Race and Hispanic or Latino ethnicity								
White, 16 years and over.....	198,215	124,658	62.9	119,313	60.2	5,345	4.3	73,557
With a certification or license ¹	36,071	31,447	87.2	30,732	85.2	715	2.3	4,624
With a certification, but no license.....	3,841	3,357	87.4	3,255	84.7	102	3.0	484
With a license ²	32,230	28,089	87.2	27,477	85.3	612	2.2	4,140
Without a certification or license.....	162,145	93,212	57.5	88,581	54.6	4,631	5.0	68,933
Black or African American, 16 years and over.....	31,889	19,637	61.6	17,982	56.4	1,655	8.4	12,252
With a certification or license ¹	4,794	4,155	86.7	3,984	83.1	172	4.1	639
With a certification, but no license.....	498	425	85.4	402	80.8	23	5.4	73
With a license ²	4,296	3,730	86.8	3,581	83.4	149	4.0	566
Without a certification or license.....	27,095	15,481	57.1	13,998	51.7	1,483	9.6	11,614
Asian, 16 years and over.....	15,121	9,562	63.2	9,213	60.9	349	3.6	5,559
With a certification or license ¹	2,324	2,059	88.6	2,023	87.1	36	1.7	265
With a certification, but no license.....	290	253	87.2	247	85.0	6	2.5	37
With a license ²	2,034	1,806	88.8	1,777	87.4	29	1.6	228
Without a certification or license.....	12,797	7,503	58.6	7,190	56.2	313	4.2	5,294
Hispanic or Latino ethnicity, 16 years and over.....	40,697	26,797	65.8	25,249	62.0	1,548	5.8	13,900
With a certification or license ¹	4,503	3,967	88.1	3,828	85.0	140	3.5	536
With a certification, but no license.....	526	453	86.1	430	81.6	24	5.2	73
With a license ²	3,976	3,514	88.4	3,398	85.4	116	3.3	463
Without a certification or license.....	36,194	22,830	63.1	21,422	59.2	1,408	6.2	13,364

See footnotes at end of table.

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				Total	Percent of population	Total	Rate	
Educational attainment								
Total, 25 years and over.....	215,103	137,985	64.1	132,444	61.6	5,540	4.0	77,118
With a certification or license ¹	42,107	36,741	87.3	35,878	85.2	863	2.3	5,366
With a certification, but no license.....	4,463	3,899	87.4	3,777	84.6	122	3.1	565
With a license ²	37,644	32,842	87.2	32,101	85.3	741	2.3	4,802
Without a certification or license.....	172,996	101,244	58.5	96,567	55.8	4,677	4.6	71,752
Less than a high school diploma.....	23,368	10,679	45.7	9,884	42.3	795	7.4	12,689
With a certification or license ¹	1,049	860	81.9	821	78.3	38	4.4	189
With a certification, but no license.....	127	107	84.4	101	80.0	6	5.3	20
With a license ²	922	753	81.6	720	78.1	32	4.3	170
Without a certification or license.....	22,319	9,819	44.0	9,062	40.6	757	7.7	12,500
High school graduates, no college ³	62,022	35,649	57.5	33,801	54.5	1,847	5.2	26,373
With a certification or license ¹	6,347	5,573	87.8	5,387	84.9	187	3.4	774
With a certification, but no license.....	699	609	87.1	584	83.5	25	4.2	90
With a license ²	5,648	4,964	87.9	4,803	85.0	162	3.3	684
Without a certification or license.....	55,674	30,075	54.0	28,415	51.0	1,660	5.5	25,599
Some college or associate degree.....	57,185	37,934	66.3	36,386	63.6	1,549	4.1	19,251
With a certification or license ¹	11,921	10,372	87.0	10,059	84.4	313	3.0	1,549
With a certification, but no license.....	1,404	1,224	87.1	1,176	83.7	48	3.9	180
With a license ²	10,517	9,149	87.0	8,883	84.5	265	2.9	1,368
Without a certification or license.....	45,264	27,562	60.9	26,326	58.2	1,235	4.5	17,702
Some college, no degree.....	35,489	22,667	63.9	21,668	61.1	1,000	4.4	12,822
With a certification or license ¹	5,844	5,067	86.7	4,902	83.9	165	3.3	777
With a certification, but no license.....	732	629	85.8	599	81.9	29	4.6	104
With a license ²	5,112	4,439	86.8	4,303	84.2	136	3.1	673
Without a certification or license.....	29,645	17,600	59.4	16,765	56.6	835	4.7	12,045
Associate degree.....	21,696	15,267	70.4	14,718	67.8	549	3.6	6,429
With a certification or license ¹	6,077	5,305	87.3	5,157	84.9	148	2.8	772
With a certification, but no license.....	672	595	88.6	576	85.8	19	3.1	77
With a license ²	5,405	4,710	87.1	4,581	84.7	129	2.7	695
Without a certification or license.....	15,619	9,962	63.8	9,561	61.2	401	4.0	5,657
Bachelor's degree and higher.....	72,528	53,723	74.1	52,374	72.2	1,349	2.5	18,805
With a certification or license ¹	22,790	19,935	87.5	19,611	86.1	325	1.6	2,854
With a certification, but no license.....	2,233	1,959	87.7	1,916	85.8	43	2.2	274
With a license ²	20,556	17,976	87.4	17,695	86.1	282	1.6	2,580
Without a certification or license.....	49,739	33,788	67.9	32,763	65.9	1,024	3.0	15,951
Bachelor's degree only.....	45,327	33,384	73.7	32,475	71.6	909	2.7	11,943
With a certification or license ¹	11,086	9,765	88.1	9,594	86.5	171	1.8	1,321
With a certification, but no license.....	1,313	1,178	89.7	1,153	87.8	25	2.1	135
With a license ²	9,773	8,587	87.9	8,441	86.4	146	1.7	1,185
Without a certification or license.....	34,241	23,620	69.0	22,881	66.8	739	3.1	10,622
Advanced degree ⁴	27,201	20,339	74.8	19,899	73.2	440	2.2	6,863
With a certification or license ¹	11,704	10,171	86.9	10,017	85.6	154	1.5	1,533
With a certification, but no license.....	920	782	84.9	763	82.9	18	2.4	139
With a license ²	10,784	9,389	87.1	9,254	85.8	136	1.4	1,395
Without a certification or license.....	15,497	10,168	65.6	9,882	63.8	286	2.8	5,329

¹ A person may have more than one certification or license.

² Persons with a license may also have a certification.

³ Includes persons with a high school diploma or equivalent.

⁴ Includes persons with master's, professional, and doctoral degrees.

NOTE: Certifications are issued by a non-governmental certification body and convey that an individual has the knowledge or skill to perform a specific job. A license is awarded by a government agency and conveys a legal authority to work in an occupation. Estimates for the above race groups (White, Black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Updated population controls are introduced annually with the release of January data.